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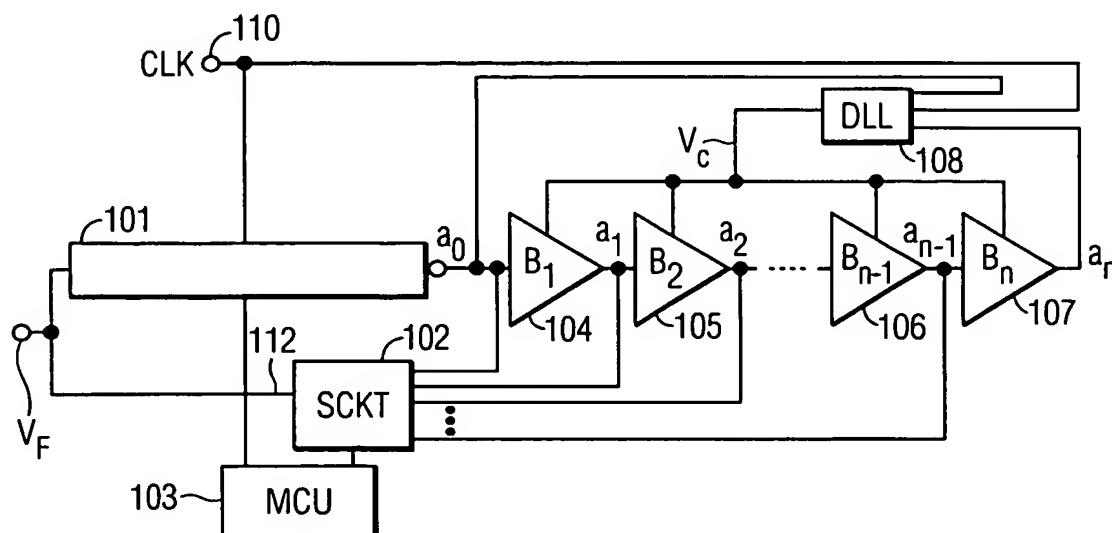
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- Declarations under Rule 4.17:**
- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations* AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,

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- (54) Title:** HIGH RESOLUTION PWM GENERATOR OR DIGITALLY CONTROLLED OSCILLATOR



- (57) Abstract:** A high resolution pulse width modulation (PWM) or voltage controlled output (DCO) generator is disclosed. The resolution is increased over that of the circuit clock by delaying the generated signal through a series of delays, all of which are controlled by a delay locked loop. The delays are a small fraction of the clock period, thus providing resolution greater than that of the circuit clock.

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